



Interconnections between air pollution, climate change, and health: Promoting Sino - U.S. cooperation

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Abstract:

In this May 12, 2009, China Environment Forum meeting, Denise Mauzerall of the Woodrow Wilson School at Princeton discussed local air pollution problems in China and potential climate change solutions of global relevance. Denise Mauzerall began her discussion explaining that air pollutants and climate change are not necessarily directly correlated. For example, while all air pollutants are hazardous to public health, some have a net cooling effect while some have a net warming effect on the climate. While the ultimate goal would be to eliminate all air pollutants to protect health, a focus on reducing pollutants that have a net warming effect would benefit both public health and climate stabilization. To conclude, Mauzerall underscored that while CO₂ should remain our largest focus, drastic improvements in greenhouse gas mitigation could be made with the reduction of other common air pollutants like ozone and black carbon.

Source: http://www.wilsoncenter.org/event/seeing-through-the-smog-promoting-sino-us-cooperation-air-quality-environmental-health-and#field_files

Resource Description

Exposure :

weather or climate related pathway by which climate change affects health

Air Pollution, Food/Water Security, Temperature

Air Pollution: Ozone, Particulate Matter, Other Air Pollution

Air Pollution (other): black carbon

Food/Water Security: Agricultural Productivity

Temperature: Fluctuations

Geographic Feature:

resource focuses on specific type of geography

None or Unspecified

Geographic Location:

resource focuses on specific location

Non-United States

Non-United States: Asia

Asian Region/Country: China

Health Co-Benefit/Co-Harm (Adaption/Mitigation):

specification of beneficial or harmful impacts to health resulting from efforts to reduce or cope with greenhouse gases

A focus of content

Health Impact:

specification of health effect or disease related to climate change exposure

Health Outcome Unspecified

Mitigation/Adaptation:

Climate Change and Human Health Literature Portal



mitigation or adaptation strategy is a focus of resource

Mitigation

Resource Type:

format or standard characteristic of resource

Multimedia

Timescale:

time period studied

Time Scale Unspecified